## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query     | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------|------|------------------|--------------------|---------------------|---------|---------------------|
| L1   | 1037 | 128/204.21.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:46 |
| L2   | 1061 | 128/200.24.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:47 |
| L3   | 390  | 128/202.22.cds.  | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:48 |
| L4   | 53   | 128/203.13.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:50 |
| L5   | 238  | 128/203.14.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:50 |
| L6   | 1622 | 128/204.18.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:51 |
| L7   | 1259 | 128/204.23.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:52 |
| L8   | 762  | 128/204.26.ccls. | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:53 |
| L9   | 1107 | 600/529.ccls.    | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:54 |
| L10  | 643  | 600/538.ccls.    | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:55 |
| L11  | 298  | 604/23.ccls.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:57 |
| L12  | 351  | 604/26.ccls.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:58 |
| L13  | 1056 | 604/890.1.ccls.  | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>11:59 |
| L14  | 774  | 604/65.ccls.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>12:00 |
| L15  | 503  | 604/66.ccls.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>12:01 |
| L16  | 880  | 604/67.ccls.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>12:02 |
| L17  | 201  | 434/238.cds.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>12:03 |
| L18  | 818  | 434/236.cds.     | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>12:04 |
| L19  | 742  | 434/262.ccls.    | US-PGPUB;<br>USPAT | AND                 | ON      | 2009/12/14<br>12:05 |

| S1  | 1  | "10535597"  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/23<br>08:51 |
|-----|----|---|---------------------------|-----|----|---------------------|
| S2  | 19 | ((JONATH <b>AN</b> ) near2<br>(DENYER)).INV.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/23<br>09:26 |
| S3  | 19 | ((JONATHAN) near2<br>(DENYER)).INV.   | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:28 |
| S4  | 8  | ((IVAN) near2<br>(PRINCE)).INV.   | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/23<br>09:28 |
| S5  | 7  | ((IVAN) near2<br>(PRINCE)).INV.   | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:28 |
| 96  | 8  | US 611995.3-\$.DID. OR US 5906202-\$.DID. OR US 5713349-\$.DID. OR US 5404871-\$.DID. OR US 4674975-\$.DID. OR US 4004871-\$.DID. OR US 20020104532-\$.DID. OR EP-0910421-\$.DID. OR EP-0822063-\$.DID. OR WO-9417370-\$.DID. OR WO-9963946-\$.DID. OR WO-905971-\$.DID. OR WO-0905742-\$.DID. OR WO-03059423-\$.DID. OR WO-03059423-\$.DID. OR WO-03059423-\$.DID. OR WO-03059423-\$.DID. OR WO-03059423-\$.DID. OR WO-0305914-\$.DID. OR WO-0305914-\$.DID. OR WO-0305914-\$.DID. OR WO-03059111-\$.DID. OR WO-03059111- | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/04/23          |
| S7  | 2  | GB-2320900-\$.did.  | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:32 |
| S8  | 1  | EP-910421-\$.did.   | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:34 |
| S9  | 1  | 1998-062865.NRAN.   | DERWENT                   | AND | ON | 2009/04/23<br>09:35 |
| S10 | 2  | EP-1142600-\$.did.  | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:37 |
| S11 | 2  | EP-824023-\$.did.   | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:38 |
| S12 | 2  | EP-627266-\$.did.   | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:39 |
| S13 | 2  | WO-9417370-\$.did.  | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:40 |
| S14 | 2  | WO-9852633-\$.did.  | EPO; JPO;<br>DERWENT      | AND | ON | 2009/04/23<br>09:40 |

| S15         | 2   | WO-9963946-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:41 |
|-------------|-----|--|----------------------|-----|----|---------------------|
| S16         | 0   | WO-200209574-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:41 |
| S17         | 1   | WO-0209574-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:41 |
| S18         | 1   | WO-03059423-\$.did.  | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:42 |
| S19         | 1   | WO-02058771-\$.did.  | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:43 |
| S20         | 1   | WO-0158514-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:44 |
| S21         | 1   | WO-0038770-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:44 |
| S22         | 1   | WO-0050111-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:45 |
| S23         | 1   | WO-0024445-\$.did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:45 |
| S24         | 149 | inhal\$ same (airflow or<br>air-flow or air adj flow)<br>same sensor same<br>signal\$4 same control<br>\$3 | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>09:53 |
| <b>S2</b> 5 | 985 | 128/204.21.ccls.   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:32 |
| S26         | 741 | S25 and method   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S27         | 585 | S26 and sensor   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S28         | 545 | S27 and signal\$   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S29         | 276 | S28 and<br>microprocessor  | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S30         | 7   | (inhaler and training and device).ti,ab.   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>14:00 |
| S31         | 672 | inhaler and (signal\$<br>with (cease or stop)<br>inhal\$)  | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>14:04 |

| 32 | 62 | (US-20060243277-\$ or    | US-PGPUB;   | AND | ON | 2009/04/23 |
|----|----|--------------------------|-------------|-----|----|------------|
|    | i  | US-20090025718-\$ or     | USPAT; EPO; |     |    | 14:22      |
|    |    | US-20090025714-\$ or     | DERWENT     |     |    |            |
|    |    | US-20080257337-\$ or     |             |     |    |            |
|    |    | US-20080047553-\$ or     |             |     |    |            |
|    |    | US-20070125370-\$ or     |             |     |    |            |
|    |    | US-20050229931-\$ or     |             |     |    |            |
|    |    | US-20030146300-\$ or     |             |     |    |            |
|    |    | US-20010022279-\$ or     |             |     |    |            |
|    |    | US-20020104532-\$ or     |             |     |    |            |
|    |    | US-20040123864-\$ or     |             |     |    |            |
|    |    | US-20040089299-\$ or     |             |     |    |            |
|    |    | US-20040084044-\$ or     |             |     |    |            |
|    |    | US-20030223936-\$ or     |             |     |    |            |
|    |    | US-20030205229-\$ or     |             |     |    |            |
|    |    | US-20030019493-\$ or     |             |     |    |            |
|    |    | US-20020104530-\$ or     |             |     |    |            |
|    |    | US-20020011247-\$ or     |             |     |    |            |
|    |    | US-20020023639-\$ or     |             |     |    |            |
|    |    | US-20020112723-\$ or     |             |     |    |            |
|    |    | US-20020185125-\$).      |             |     |    |            |
|    |    | did. or (US-5842468-\$   |             |     |    |            |
|    |    | or US-6116233-\$ or US-  |             |     |    |            |
|    |    | 6129080-\$ or US-        |             |     |    |            |
|    |    | 6131568-\$ or US-        |             |     |    |            |
|    |    | 6192876-\$ or US-        |             |     |    |            |
|    |    | 6237589-\$ or US-        |             |     |    |            |
|    |    | 6367470-\$ or US-        |             |     |    |            |
|    |    | 6584971-\$ or US-        |             |     |    |            |
|    |    | 7451760-\$ or US-        |             |     |    |            |
|    |    | RE40591-\$ or US-        |             |     |    |            |
|    |    | 6119953-\$ or US-        |             |     | 1  |            |
|    |    | 5906202-\$ or US-        |             |     |    |            |
|    |    | 5713349-\$ or US-        |             |     | 1  |            |
|    |    | 5404871-\$ or US-        |             |     |    |            |
|    |    | 4677975-\$ or US-        |             |     |    |            |
|    |    | 7073499-\$ or US-        |             |     | 1  |            |
|    |    | 6886557-\$ or US-        |             |     |    |            |
|    |    | 6782886-\$ or US-        |             |     | 1  |            |
|    |    | 6637430-\$ or US-        |             |     |    |            |
|    |    | 6629526-\$ or US-        |             |     |    |            |
|    |    | 6443146-\$ or US-        |             |     | i  |            |
|    |    | 6205999-\$ or US-        |             |     |    |            |
|    |    | 6152130-\$ or US-        |             |     | 1  |            |
|    |    | 6131570-\$ or US-        | ì           |     |    |            |
|    | •  | 5894841-\$).did. or (GB- |             |     |    |            |
|    |    | 2395437-\$).did. or (GB- |             |     |    |            |
|    |    | 2320900-\$ or WO-        |             |     |    |            |
|    |    | 9748431-\$ or WO-        |             |     |    |            |
|    |    | 0037132-\$ or EP-        |             |     |    |            |
|    |    | 824023-\$ or EP-         |             |     |    |            |
|    |    | 627266-\$ or WO-         |             |     |    |            |
|    |    | 9417370-\$ or DE-        |             | -   |    |            |
|    |    | 19720701-\$ or WO-       |             |     |    |            |
|    |    | 9963946-\$ or WO-        |             |     |    |            |

|     |     | 0209574-\$ or WO-<br>03059423-\$ or WO-<br>02058771-\$ or WO-<br>0158514-\$ or WO-<br>0038770-\$ or WO-<br>0050111-\$ or GB-<br>2343122-\$).did.   |                    | *************************************** | *************************************** |                     |
|-----|-----|--|--------------------|---|---|---------------------|
| S33 | 5   | S32 and cease  | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:22 |
| S34 | 58  | S31 and<br>microprocessor  | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:24 |
| S35 | 2   | inhaler same signal<br>same (stop or cease)<br>same inhalation   | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:28 |
| S36 | 138 | inhaler and ((stop or cease) with inhalation)  | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:28 |
| S37 | 199 | inhaler and (threshold<br>near5 time)  | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:33 |
| S38 | 179 | S37 and signal\$   | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:33 |
| S39 | 114 | S38 and<br>microprocessor  | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:34 |
| S40 | 94  | S39 and sensor   | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:34 |
| S41 | 1   | "5906202".pn.  | US-PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>14:36 |
| S42 | 75  | (US-20060243277-\$ or US-20070125370-\$ or US-20070125370-\$ or US-20030221677-\$ or US-2003022167666-\$ or US-20050279349-\$ or US-20050279349-\$ or US-20060279349-\$ or US-20080142002-\$ or US-200900137-\$ or US-20090016708-\$). did. or (US-5839429-\$ or US-5794612-\$ or US-5794612-\$ or US-5429122-\$ or US-5429122-\$ or US-5508647-\$ or US-5608647-\$ or US-5608647-\$ or US-56333106-\$ or US-56333106-\$ or US-563343168-\$ or US-5633434-\$ or US-563361-\$ or US-563166-\$ or US-5631 | US PGPUB;<br>USPAT | AND                                     | ON                                      | 2009/04/23<br>15:30 |

| 3 | 3                                       | inhaler same optimize<br>same (inhalation with<br>time) | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/23<br>15:36 |
|---|---|---|--------------------|---|----|---------------------|
|   | *************************************** | 5692493-\$ or US-<br>5755224-\$).did.                   |                    |   |    |                     |
|   | -                                       | 5653224-\$ or US-                                       |                    |   |    |                     |
|   | •                                       | 5611333-\$ or US-                                       |                    |   |    |                     |
|   |   | 5476091-\$ or US-<br>5606968-\$ or US-                  |                    |   |    | *                   |
|   | •                                       | 5435301-\$ or US-                                       |                    |   |    |                     |
|   |   | 5370112-\$ or US-                                       |                    | ***                                     |    |                     |
|   |   | 5323772-\$ or US-                                       |                    |   |    |                     |
|   | ***                                     | 5020527-\$ or US-                                       |                    |   |    |                     |
|   |   | 6845770-\$ or US-                                       |                    |   |    |                     |
|   | *                                       | 5239994-\$ or US-<br>5747002-\$).did. or (US-           |                    |   |    |                     |
|   |   | 4788456-\$ or US-                                       |                    |   |    |                     |
|   |   | 4622963-\$ or US-                                       |                    | ***                                     |    |                     |
|   | •                                       | 4602171-\$ or US-                                       |                    |   |    |                     |
|   |   | 6110123-\$ or US-                                       |                    |   |    |                     |
|   |   | 4314564-\$ or US-<br>5452712-\$ or US-                  |                    |   |    |                     |
|   |   | 4300384-\$ or US-                                       |                    | ***                                     |    |                     |
|   |   | 4090078-\$ or US-                                       |                    | ***                                     |    |                     |
|   |   | 4317453-\$ or US-                                       |                    |   |    |                     |
|   |   | 5970976-\$ or US-                                       |                    | ****                                    |    |                     |
|   | •                                       | 5765552-\$ or US-                                       |                    |   |    |                     |
|   |   | 5720709-\$ or US-                                       |                    |   |    |                     |
|   |   | 5307793-\$ or US-                                       |                    |   |    |                     |
|   | •                                       | 4248245-\$ or US-<br>4935966-\$ or US-                  |                    |   |    |                     |
|   |   | 7458373-\$ or US-                                       |                    | ***                                     |    |                     |
|   |   | 6772754-\$ or US-                                       |                    | ***                                     |    |                     |
|   | -                                       | 6681767-\$ or US-                                       |                    |   |    |                     |
|   |   | 6450163-\$ or US-                                       |                    |   |    |                     |
|   | *                                       | 6425392-\$ or US-                                       |                    | *************************************** |    |                     |
|   |   | 6325062-\$ or US-                                       |                    |   |    |                     |
|   |   | 6318361-\$ or US-                                       |                    | ***                                     |    |                     |
|   | ****                                    | 6230706-\$ or US-                                       |                    |   |    |                     |
|   |   | 6138668-\$ or US-<br>6230706-\$ or US-                  |                    |   |    |                     |
|   |   | 6070575-\$).did. or (US-                                |                    |   |    |                     |
|   | ***                                     | 5813401-\$ or US-                                       |                    |   |    |                     |
|   | *                                       | 5775320-\$ or US-                                       |                    | *************************************** |    |                     |
|   |   | 5522385-\$ or US-                                       |                    |   |    |                     |
|   | *                                       | 5458135-\$ or US-                                       |                    |   |    |                     |
|   |   | 6044841-\$ or US-                                       |                    | *************************************** | *  |                     |
|   | -                                       | 6055980-\$ or US-                                       |                    | ***                                     | 1  |                     |
|   |   | 6102036-\$ or US-<br>5577497-\$ or US-                  |                    | ***                                     |    |                     |
|   |   | 4470412-\$ or US-                                       |                    |   |    |                     |
|   |   | 4870961-\$ or US-                                       |                    |   |    |                     |

| S44 | 0    | (inhaler dispenser<br>atomizer nebulizer)<br>with inhalation with<br>time with (measure<br>sense record) | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:02 |
|-----|------|--|--------------------|-----|----|---------------------|
| S45 | 9    | (inhaler dispenser<br>atomizer nebulizer)<br>with inhalation with<br>time with (measure<br>sense record) | US-PGPUB;<br>USPAT | OR  | ON | 2009/04/23<br>16:03 |
| S47 | 1017 | 128/200.24.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:04 |
| S48 | 81   | S47 and (time with<br>(measure or sense or<br>record))   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:05 |
| S49 | 377  | 128/202.22.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:18 |
| S50 | 0    | S49 and (inhalation with time with (measure sense record))   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:18 |
| S51 | 49   | 128/203.13.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:29 |
| S52 | 215  | 128/203.14.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:32 |
| S53 | 731  | 128/204.26.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:35 |
| S54 | 0    | \$53 and (inhalation with time with (measure sense record))  | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:35 |
| S55 | 2    | S53 and (time with (measure sense record))   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>16:36 |
| S56 | 78   | "L53" and inhaler  | US-PGPUB;<br>USPAT | AND | ON | 2009/04/24<br>08:21 |
| S57 | 731  | 128/204.26.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/24<br>08:22 |
| S58 | 11   | S57 and inhaler  | US-PGPUB;<br>USPAT | AND | ON | 2009/04/24<br>08:22 |
| S59 | 0    | \$57 and (inhalation with time with (measure sense record))  | US-PGPUB;<br>USPAT | AND | ON | 2009/04/24<br>08:30 |
| S60 | 40   | \$57 and (inhalation same time same (measure sense record))  | US-PGPUB;<br>USPAT | OR  | ON | 2009/04/24<br>08:31 |

| S61 | 75   | (inhaler or nebulizer or<br>dispenser or atomizer)<br>same (breath or<br>inhalation) same (time<br>or duration or span)<br>same (train\$3 or<br>optimiz\$5)                         | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>08:46 |
|-----|------|---|--------------------|----|----|---------------------|
| S62 | 1192 | 128/204.23.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>09:45 |
| S63 | 114  | S62 and (inhalation<br>same time same<br>(measure sense<br>record))   | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>09:45 |
| S64 | 15   | inhaler and (signal with<br>stop with (inhalation or<br>breathing))   | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>09:55 |
| S65 | 3    | inhaler same ((variable<br>or adjustable or<br>optimize) with<br>((inhalation or<br>inspiration or breath)<br>near3 (cycle or<br>duration or span or<br>lapse or time)))            | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>10:33 |
| S66 | 1    | inhaler same<br>((adjustable or<br>variable) with<br>(inspiration or<br>inhalation) with (time<br>or time-span or (time<br>adj span) or duration<br>or span or length or<br>cycle)) | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>10:34 |
| S67 | 1548 | 128/204.18.cds.   | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>10:35 |
| S68 | 48   | S67 and (inhalation<br>same time same<br>(measure sense<br>record))   | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>10:36 |

| S69 | 103 | (US-20060243277-\$ or                        | US-PGPUB;   | AND | ON  | 2009/04/24 |
|-----|-----|--|-------------|-----|-----|------------|
|     |     | US-20090025718-\$ or                         | USPAT; EPO; |     |     | 10:48      |
|     | i   | US-20090025714-\$ or                         | DERWENT     | *** |     |            |
|     | 1   | US-20080257337-\$ or                         |             |     |     |            |
|     |     | US-20080047553-\$ or                         |             |     | *** |            |
|     | i   | US-20070125370-\$ or                         |             |     |     |            |
|     |     | US-20050229931-\$ or                         |             |     |     | *          |
|     |     | US-20030146300-\$ or                         |             |     |     |            |
|     |     | US-20030140300-\$ 01<br>US-20010022279-\$ or |             |     |     |            |
|     | i   |  |             |     |     |            |
|     |     | US-20020104532-\$ or                         |             |     |     |            |
|     |     | US-20040123864-\$ or                         |             |     |     |            |
|     |     | US-20040089299-\$ or                         |             |     |     |            |
|     |     | US-20040084044-\$ or                         |             |     |     |            |
|     |     | US-20030223936-\$ or                         |             |     |     |            |
|     |     | US-20030205229-\$ or                         |             |     |     |            |
|     | i   | US-20030019493-\$ or                         |             |     |     |            |
|     |     | US-20020104530-\$ or                         |             |     |     |            |
|     | i   | US-20020011247-\$ or                         |             | *** |     |            |
|     |     | US-20020023639-\$ or                         |             |     |     |            |
|     |     | US-20020112723-\$ or                         |             |     |     |            |
|     |     | US-20020185125-\$ or                         |             |     |     |            |
|     |     | US-20030101991-\$ or                         |             |     |     |            |
|     | 1   | US-20030136400-\$ or                         |             |     |     |            |
|     |     | US-20030075171-\$ or                         |             |     |     |            |
|     |     | US-20040016434-\$).                          |             |     |     |            |
|     |     | did. or (US-5842468-\$                       |             |     |     |            |
|     | 1   | or US-6116233-\$ or US-                      |             |     |     |            |
|     |     | 6129080-\$ or US-                            |             |     |     |            |
|     |     | 6131568-\$ or US-                            |             |     | i   |            |
|     | i   | 6192876-\$ or US-                            |             |     |     |            |
|     |     | 6237589-\$ or US-                            |             |     |     |            |
|     |     | 6367470-\$ or US-                            |             |     | 1   |            |
|     |     | 6584971-\$ or US-                            |             |     | 1   |            |
|     |     | 7451760-\$ or US-                            |             |     |     |            |
|     |     | RE40591-\$ or US-                            |             |     | 1   |            |
|     | i   | 6119953-\$ or US-                            |             |     | 1   |            |
|     |     | 5906202-\$ or US-                            |             |     |     |            |
|     |     |  |             |     | Ī   |            |
|     | i   | 5713349-\$ or US-                            |             |     |     |            |
|     |     | 5404871-\$ or US-                            |             |     |     |            |
|     |     | 4677975-\$ or US-                            |             |     |     |            |
|     |     | 7073499-\$ or US-                            |             |     | -   |            |
|     |     | 6886557-\$ or US-                            |             |     |     |            |
|     |     | 6782886-\$ or US-                            |             |     | 1   |            |
|     | 1   | 6637430-\$ or US-                            |             |     | 1   |            |
|     |     | 6629526-\$ or US-                            |             |     | No. |            |
|     |     | 6443146-\$ or US-                            |             |     | *** |            |
|     |     | 6205999-\$ or US-                            |             | *** |     |            |
|     |     | 6152130-\$ or US-                            |             | *** |     |            |
|     |     | 6131570-\$ or US-                            |             | *   |     |            |
|     |     | 5894841-\$ or US-                            |             |     | *** |            |
|     |     | 6681767-\$).did. or (US-                     |             |     | -   |            |
|     | i   | 6450163-\$ or US-                            |             |     |     |            |
|     |     | 6425392-\$ or US-                            |             | *   |     |            |
|     |     | 6230706-\$ or US-                            |             | *   |     | 1          |
|     | \$  | 6102036-\$ or US-                            | 1           | }   | -   | 1          |

| 6070575-\$ or US-   |
|---|
| 5839429-\$ or US-   |
| 5794612-\$ or US-   |
| 5608647-\$ or US-   |
| 5522385-\$ or US-   |
| 5333106-\$ or US-   |
| 5333106-\$ 01 US-   |
| 5020527-\$ or US-   |
| 4981295-\$ or US-   |
| 4788456-\$ or US-   |
| 6550477-\$ or US-   |
| 5839430-\$ or US-   |
| 5809997-\$ or US-   |
| 5542410-\$ or US-   |
| 5363842-\$ or US-   |
| 7487774-\$ or US-   |
| 7487774-\$ or US-<br>6135967-\$ or US-  |
| 5622164-\$ or US-   |
| 5167506-\$ or US-   |
| 5758638-\$ or US-   |
| 7185650-\$ or US-   |
| 7185651-\$ or US-   |
| 6910482-\$ or US-   |
| 6651658-\$).did. or (US-  |
| 6109260-\$ or US-   |
| 6070575-\$ or US 5839429-\$ or US 5808647-\$ or US 5608647-\$ or US 5522858-\$ or US 5333106-\$ or US 5333106-\$ or US 5323106-\$ or US 6502527-\$ or US 4788456-\$ or US 6550477-\$ or US 5809997-\$ or US 5809997-\$ or US 5603997-\$ or US 5622164-\$ or US 5622164-\$ or US 5167506-\$ or US 51786650-\$ or US 5178650-\$ or US 5178650-\$ or US 5178650-\$ or US 5178650-\$ or US 51793-\$ or US |
| 6571793-\$ or US-   |
| 6422236-\$ or US-   |
| 5479920-\$ or US-   |
| 7044744 0 110   |
| 7244714-\$ or US-   |
| 6640804-\$ or US-   |
| 5970973-\$ or US-   |
| 4281651-\$).did. or (GB-  |
| 2395437-\$).did. or (GB-  |
| 2320900-\$ or WO-   |
| 9748431-\$ or WO-   |
| 0037132-\$ or EP-   |
| 824023-\$ or EP-  |
| 627266-\$ or WO-  |
| 9417370-\$ or DE-   |
| 19720701-\$ or WO-  |
| 9963946-\$ or WO-   |
| 0209574-\$ or WO-   |
| 03059423-\$ or WO-  |
| 02058771-\$ or WO-  |
| 0158514-\$ or WO-   |
| 0038770-\$ or WO-   |
| 0050111-\$ or GB-   |
| 4281651-\$).did. or (GB-<br>2395437-\$).did. or (GB-<br>2329900-\$ or WO-<br>9748431-\$ or WO-<br>0037132-\$ or EP-<br>824023-\$ or EP-<br>627266-\$ or WO-<br>9417370-\$ or WO-<br>9963946-\$ or WO-<br>0209574-\$ or WO-<br>02055771-\$ or WO-<br>0158514-\$ or WO-<br>0038770-\$ or WO-<br>0035742-\$ or WO-<br>003571-\$ or WO-<br>003571-\$ or WO-<br>0050111-\$ or GB-<br>2343122-\$).did.  |
| įΣστοτεε ψηιαία.  |

| S70 4 | 0  | (inhaler or nebulizer or<br>atomizer or dispenser)<br>and inhalation and<br>(time or duration or<br>timespan or time-span<br>or (time adj span) or<br>lapse) and (measure or<br>record or sense or<br>calculate)   | EPO; JPO;<br>DERWENT                | AND | ON | 2009/04/24<br>13:41 |
|-------|----|--|-------------------------------------|-----|----|---------------------|
| 971 1 | 02 | (US-20060243277-\$ or US-20090025718-\$ or US-20090025718-\$ or US-20090025714-\$ or US-20080025714-\$ or US-200800257337-\$ or US-20080047553-\$ or US-2005022931-\$ or US-20030146300-\$ or US-200104532-\$ or US-2004008299-\$ or US-2004008299-\$ or US-20030223936-\$ or US-20030223936-\$ or US-2003023936-\$ or US-2003011247-\$ or US-2003011247-\$ or US-2003011247-\$ or US-2003011247-\$ or US-2003011247-\$ or US-2003015125-\$ or US-2003015711-\$ or US-200301571-\$ or | US-PGPUB;<br>USPAT; EPO;<br>DEFWENT | AND | ON | 2009/04/30 10:23    |

| 6205999-\$ or US-        |
|--------------------------|
| 6152130-\$ or US-        |
| 6131570-\$ or US-        |
| 5894841-\$ or US-        |
| 6681767-\$).did. or (US- |
| 6450163-\$ or US-        |
| 6425392-\$ or US-        |
| 6230706-\$ or US-        |
| 6102036-\$ or US-        |
|                          |
| 6070575-\$ or US-        |
| 5839429-\$ or US-        |
| 5794612-\$ or US-        |
| 5608647-\$ or US-        |
| 5522385-\$ or US-        |
| 5333106-\$ or US-        |
| 5020527-\$ or US-        |
| 4981295-\$ or US-        |
| 4788456-\$ or US-        |
| 6550477-\$ or US-        |
| 5839430-\$ or US-        |
| 5809997-\$ or US-        |
| 5542410-\$ or US-        |
| 5363842-\$ or US-        |
| 7487774-\$ or US-        |
| 6135967-\$ or US-        |
| 5622164-\$ or US-        |
| 5167506-\$ or US-        |
| 5758638-\$ or US-        |
| 7185650-\$ or US-        |
| 7185651-\$ or US-        |
| 6910482-\$ or US-        |
| 6651658-\$).did. or (US- |
| 6109260-\$ or US-        |
| 5865174-\$ or US-        |
| 6571793-\$ or US-        |
| 6422236-\$ or US-        |
| 5479920-\$ or US-        |
| 7244714-\$ or US-        |
| 6640804-\$ or US-        |
|                          |
| 5970973-\$ or US-        |
| 4281651-\$).did. or (GB- |
| 2395437-\$).did. or (GB- |
| 2320900-\$ or WO-        |
| 9748431-\$ or WO-        |
| 0037132-\$ or EP-        |
| 824023-\$ or EP-         |
| 627266-\$ or WO-         |
| 9417370-\$ or DE-        |
| 19720701-\$ or WO-       |
| 9963946-\$ or WO-        |
| 0209574-\$ or WO-        |
| 03059423-\$ or WO-       |
| 02058771-\$ or WO-       |
| 0158514-\$ or WO-        |
| 0038770-\$ or WO-        |
|                          |

|             |     | 0050111-\$ or GB-<br>2343122-\$).did.  |                    | *************************************** |    |                     |
|-------------|-----|--|--------------------|---|----|---------------------|
| S72         | 5   | S71 and (time with stop with inhal\$5)   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>10:23 |
| S73         | 19  | (600/529-538).ccls. AND ((inhaling on inhaletion OR inhale OR inspir\$6) NEAR8 (detect\$5 OR sensing OR sensor\$3 OR monitor\$3 OR indicat\$4 OR determin\$6)) AND ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period)) AND (inhaler) | us-Popub;<br>Uspat | AND                                     | ON | 2009/04/30          |
| S75         | 5   | ((inhaling OR inhaling inhalation OR inhale OR inspir\$6) NEAR8 (detect\$5 OR sensing OR sensor\$3 OR monitor\$3 OR indicat\$4 OR determin\$6)) same ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period)) same (inhaler)              | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>11:14 |
| S76         | 282 | 604/23.ccls.   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>11:18 |
| S77         | 42  | S76 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>WITH (time OR<br>period))   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>12:49 |
| S78         | 72  | S76 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>same (time OR<br>period))   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>12:49 |
| <b>S7</b> 9 | 10  | (depend\$ with (stop or<br>cease or quit) with inhal<br>\$5)   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>13:08 |
| S80         | 334 | 604/26.ccls.   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>13:19 |
| S81         | 87  | S80 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>same (time OR<br>period))   | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>13:20 |
| S82         | 79  | inhalation with time<br>with adjust\$  | US-PGPUB;<br>USPAT | AND                                     | ON | 2009/04/30<br>13:40 |

| S83 | 144 | ("20010004894"        | US-PGPUB;    | and | ON | 2009/04/30 |
|-----|-----|-----------------------|--------------|-----|----|------------|
|     | *   | "20010015204"         | USPAT; USOCR |     |    | 13:48      |
|     |     | "20010027791"         |              |     |    |            |
|     |     | "20010027792"         |              |     |    |            |
|     |     | "20010035186"         |              |     |    |            |
|     |     | "20010035187"         |              |     |    |            |
|     |     | "20020104536"         |              |     |    |            |
|     |     | "20030159695"         |              |     |    |            |
|     |     | "20040035422"         |              |     |    |            |
|     |     | "20040103896"         |              |     |    |            |
|     |     |                       |              |     |    |            |
|     |     | "20050034724"         |              |     |    |            |
|     |     | "4011859"   "4350166" |              |     |    |            |
|     |     | "4506678"             |              |     |    |            |
|     |     | "4648396"   "4655213" |              |     |    |            |
|     |     | "4713558"             |              |     |    |            |
|     |     | "4728499"   "4773411" |              |     |    |            |
|     |     | "4817013"             |              |     |    |            |
|     |     | "4821736"   "4944310" |              |     |    |            |
|     |     | "4994117"             |              |     |    |            |
|     |     | "5065756"   "5117819" |              |     |    |            |
|     |     | "5124129"             |              |     |    |            |
|     |     | "5134995"   "5148802" |              |     |    |            |
|     |     | "5166075"             |              |     |    |            |
|     |     | "5179002"   "5193544" |              |     |    |            |
|     |     | "5199424"             |              |     |    |            |
|     |     | "5203343"   "5239995" |              |     |    |            |
|     |     | "5245995"             |              |     |    |            |
|     |     | "5279289"   "5313937" |              |     |    |            |
|     |     | "5332901"             |              |     |    |            |
|     |     | "5335654"   "5343878" |              |     |    |            |
|     |     | "5353788"             |              |     |    |            |
|     |     | "5394882"   "5433193" |              |     | 1  |            |
|     |     | "5438980"             |              |     | 1  |            |
|     |     | "5445160"   "5456249" |              |     |    |            |
|     |     | "5458137"             |              |     | i  |            |
|     |     | "5490502"   "5492113" |              |     |    |            |
|     |     | "5503146"             |              |     |    |            |
|     |     | "5522382"   "5535738" |              |     |    |            |
|     |     | "5535739"             |              |     |    |            |
|     |     | "5537997"   "5540219" |              |     | 1  |            |
|     |     | "5546933"             |              |     | 1  |            |
|     |     |                       |              |     |    |            |
|     |     | "5549106"   "5551418" |              |     |    |            |
|     |     | "5551419"             |              |     |    |            |
|     |     | "5558638"   "5592938" |              |     |    |            |
|     |     | "5598838"             |              |     |    |            |
|     |     | "5630411"   "5632269" |              |     |    |            |
|     |     | "5655522"             |              |     |    |            |
|     |     | "5679884"   "5682878" |              |     |    |            |
|     |     | "5694923"             |              |     |    |            |
|     |     | "5701883"   "5704345" |              |     |    |            |
|     | -   | "5715812"             |              |     | 1  |            |
|     | •   | "5738106"   "5740795" |              |     |    |            |
|     |     | "5765563"             |              |     |    |            |
|     |     | "5794614"   "5794615" |              |     |    |            |
|     |     | "5803065"             |              |     |    | 1          |

| S85 | 40                                      | S84 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>WITH (time OR period)  | US-PGPUB;<br>USPAT | AND | ON                                      | 2009/04/30<br>15:15 |
|-----|---|---|--------------------|-----|---|---------------------|
| 384 | 1060                                    | 600/529.ccls.   | US-PGPUB;<br>USPAT | AND | ON                                      | 2009/04/30<br>15:14 |
|     |   |   | USPAT              |     |   | 15:14               |
|     | *************************************** | "5845636"  <br>"5865173"   "5881717"<br>  "5881723"  <br>"5901704"   "5904141"<br>  "5915379"  <br>"5915380"   "5927274"<br>  "5937861"  <br>"5947115"   "5953713"<br>  "5954050" |                    |     | *************************************** |                     |

| S86  | 606  | 600/538.cds.   | US-PGPUB;<br>USPAT        | and | ON | 2009/04/30<br>15:34 |
|------|------|--|---------------------------|-----|----|---------------------|
| S87  | 46   | S86 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>WITH (time OR period)<br>same inhal\$)  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>15:35 |
| S88  | 1023 | 604/890.1.ccls.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:04 |
| S89  | 2    | \$88 and ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period) same inhal\$)  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:04 |
| S90  | 7    | \$88 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period) same inhal\$)  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:04 |
| S91  | 571  | \$88 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))   | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:05 |
| S92  | 52   | S91 and inhal\$  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:05 |
| S94  | 1    | "4677975".pn.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/01<br>13:55 |
| S95  | 1    | "6240920".pn.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/01<br>14:06 |
| S96  | 231  | ("3726270"  <br>"4106503"   "4109656"<br>  "4174712"  <br>"4206644"   "4253468"<br>  "4357936"  <br>"4462398").FN. OR<br>("4677975").URPN. | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/05/01<br>14:24 |
| S97  | 731  | 604/65.ccls.   | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:31 |
| S98  | 478  | \$97 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))   | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:32 |
| S99  | 362  | S97 and ((adjust\$5 OR adapt\$5 OR chang\$5) with (time OR period))  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:32 |
| S100 | 3    | S97 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>with (time OR period)<br>same (inhaler or<br>dispenser or nebulizer<br>or atomizer))    | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:39 |

| S101 | 441  | 604/66.ccls.  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:04 |
|------|------|---|--------------------|-----|----|---------------------|
| S102 | 10   | S101 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) with (time OR<br>period) same (inhaler<br>or dispenser or<br>nebulizer or atomizer)) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:04 |
| S103 | 11   | S101 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) same (time OR<br>period) same (inhaler<br>or dispenser or<br>nebulizer or atomizer)) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:19 |
| S104 | 308  | S101 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) same (time OR<br>period))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:35 |
| S105 | 841  | 604/67.ccls.  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:42 |
| S106 | 13   | S105 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) same (time OR<br>period) same (inhaler<br>or dispenser or<br>nebulizer or atomizer)) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:43 |
| S107 | 428  | S105 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) with (time OR<br>period))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:45 |
| S108 | 334  | S105 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) near5 (time OR<br>period))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:45 |
| S109 | 1023 | 604/890.1.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:56 |
| S110 | 571  | S109 and ((adjust\$5<br>OR adapt\$5 OR chang<br>\$5) same (time OR<br>period))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:56 |

| S111 | 560 | (((inhaling OR inhale oR inhalation OR inhale OR inspir\$e) NEAR8 (detect\$5 OR sensing OR sensor\$3 OR monitor\$3 OR indicat\$4 OR determin\$6)) AND ((adjust\$5 OR adapt\$5 OR chang\$5) WITH ((time OR period)) AND ((inhaler) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:25 |
|------|-----|---|--------------------|-----|----|---------------------|
| S112 | 200 | inhaler and (threshold<br>near5 time)   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S113 | 180 | S112 and signal\$   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S114 | 114 | S113 and<br>microprocessor  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S115 | 200 | inhaler and (threshold<br>near5 time)   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S116 | 1   | "20060243277"   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/14<br>15:22 |
| S118 | 1   | "6571793".pn.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/14<br>15:23 |
| S119 | 196 | 434/238.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:42 |
| S120 | 42  | S119 and (inhale or<br>threshold or (time with<br>(stop or cease)))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:43 |
| S121 | 788 | 434/236.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:43 |
| S122 | 199 | S121 and (inhale or<br>threshold or (time with<br>(stop or cease)))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:44 |
| S123 | 711 | 434/262.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:44 |
| S124 | 135 | S123 and (inhale or<br>threshold or (time with<br>(stop or cease)))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:44 |
| S125 | 2   | "20030216660"   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/19<br>10:23 |

| S126 | 121   | (US-20060243277-\$ or | US-PGPUB;   | AND      | ON | 2009/05/19 |
|------|-------|-----------------------|-------------|----------|----|------------|
|      |       | US-20090025718-\$ or  | USPAT; EPO; |          |    | 11:18      |
|      | ***** | US-20090025714-\$ or  | DERWENT     |          |    |            |
|      | ***   | US-20080257337-\$ or  |             |          |    |            |
|      |       | US-20080047553-\$ or  |             |          |    | 9          |
|      |       | US-20070125370-\$ or  |             |          |    |            |
|      |       | US-20050229931-\$ or  |             |          |    |            |
|      |       | US-20030146300-\$ or  |             |          |    |            |
|      | •     | US-20010022279-\$ or  |             |          |    |            |
|      |       | US-20020104532-\$ or  |             |          |    |            |
|      |       | US-20040123864-\$ or  |             |          |    |            |
|      | i     | US-20040089299-\$ or  |             |          |    |            |
|      |       | US-20040084044-\$ or  |             |          |    |            |
|      |       | US-20030223936-\$ or  |             |          |    |            |
|      |       | US-20030205229-\$ or  |             |          |    |            |
|      |       |                       |             |          |    |            |
|      | •     | US-20030019493-\$ or  |             |          |    |            |
|      |       | US-20020104530-\$ or  |             |          |    |            |
|      |       | US-20020011247-\$ or  |             |          |    |            |
|      |       | US-20020023639-\$ or  |             |          |    |            |
|      |       | US-20020112723-\$ or  |             |          |    |            |
|      |       | US-20020185125-\$ or  |             |          |    |            |
|      |       | US-20030136400-\$ or  |             |          |    |            |
|      |       | US-20030075171-\$ or  |             |          |    |            |
|      |       | US-20040016434-\$ or  |             |          |    |            |
|      |       | US-20020120207-\$ or  |             |          |    |            |
|      |       | US-20050043672-\$).   |             |          |    |            |
|      | •     | did. or (US-          |             |          |    |            |
|      |       | 20020104537-\$ or US- |             |          |    |            |
|      | •     | 20040249301-\$ or US- |             |          |    |            |
|      |       | 20030216660-\$).did.  |             |          |    |            |
|      |       | or (US-5842468-\$ or  |             |          |    |            |
|      | •     | US-6116233-\$ or US-  |             |          |    |            |
|      |       | 6129080-\$ or US-     |             |          | 1  |            |
|      | •     | 6131568-\$ or US-     |             |          |    |            |
|      |       | 6192876-\$ or US-     |             |          | 1  |            |
|      |       | 6237589-\$ or US-     |             |          |    |            |
|      | *     | 6367470-\$ or US-     |             |          |    |            |
|      | ***   | 6584971-\$ or US-     |             |          |    |            |
|      |       | 7451760-\$ or US-     |             |          | i  |            |
|      | ***   | RE40591-\$ or US-     |             |          | 1  |            |
|      |       | 6119953-\$ or US-     |             |          |    |            |
|      | *     | 5906202-\$ or US-     |             |          | 1  |            |
|      | *     | 5713349-\$ or US-     |             |          | 1  |            |
|      | *     | 5404871-\$ or US-     |             |          |    |            |
|      |       | 4677975-\$ or US-     |             |          |    |            |
|      | *     | 7073499-\$ or US-     |             |          |    |            |
|      |       | 6886557-\$ or US-     |             |          |    |            |
|      | *     | 6782886-\$ or US-     |             |          |    |            |
|      | *     | 6637430-\$ or US-     |             |          |    |            |
|      |       | 6629526-\$ or US-     |             |          |    |            |
|      |       |                       |             |          |    | 1          |
|      |       | 6443146-\$ or US-     |             |          |    | 1          |
|      | *     | 6205999-\$ or US-     |             |          |    | 1          |
|      |       | 6152130-\$ or US-     |             |          |    |            |
|      |       | 6131570-\$ or US-     |             |          |    |            |
|      | 1     | 5894841-\$ or US-     | 1           | <b>{</b> | 1  | 1          |

| 6681767-\$).did. or | (US-         |
|---------------------|--------------|
| 6450163-\$ or US-   | `            |
| 6425392-\$ or US-   |              |
| 6230706-\$ or US-   |              |
| 6102036-\$ or US-   |              |
| 6070575-\$ or US-   |              |
| 5839429-\$ or US-   |              |
| 5794612-\$ or US-   |              |
|                     |              |
| 5608647-\$ or US-   |              |
| 5522385-\$ or US-   |              |
| 5333106-\$ or US-   |              |
| 5020527-\$ or US-   |              |
| 4788456-\$ or US-   |              |
| 6550477-\$ or US-   |              |
| 5839430-\$ or US-   |              |
| 5809997-\$ or US-   |              |
| 5542410-\$ or US-   |              |
| 5363842-\$ or US-   |              |
| 7487774-\$ or US-   |              |
| 6135967-\$ or US-   |              |
| 5622164-\$ or US-   |              |
| 5167506-\$ or US-   |              |
| 5758638-\$ or US-   |              |
| 7185650-\$ or US-   |              |
| 7185651-\$ or US-   |              |
| 6910482-\$ or US-   |              |
| 6651658-\$ or US    |              |
|                     | /1.10        |
| 6109260-\$).did. or | (05-         |
| 5865174-\$ or US-   |              |
| 6571793-\$ or US-   |              |
| 6422236-\$ or US-   |              |
| 5479920-\$ or US-   |              |
| 7244714-\$ or US-   |              |
| 6640804-\$ or US-   |              |
| 5970973-\$ or US-   |              |
| 4281651-\$ or US-   |              |
| 5887586-\$ or US-   |              |
| 4984158-\$ or US-   |              |
| 5364838-\$ or US-   |              |
| 5328458-\$ or US-   |              |
| 7152598-\$ or US-   |              |
| 5928156-\$ or US-   |              |
| 5606968-\$ or US-   |              |
| 5485850-\$ or US-   |              |
| 4056099-\$ or US-   |              |
| 3834382-\$ or US-   |              |
| 1 1                 |              |
|                     |              |
| 4981295-\$ or US-   |              |
| 6358058-\$ or US-   |              |
| 4996980-\$ or US-   |              |
| 4325364-\$).did. or | (GB-         |
| 2395437-\$).did. or | (GB-         |
| 2320900-\$ or WO-   |              |
| 9748431-\$ or WO-   |              |
| 0037132-\$ or EP-   | (US)<br>(CB) |
|                     |              |

|      | *************************************** | 824023-\$ or EP<br>627266-\$ or WO-<br>9417370-\$ or DE-<br>19720701-\$ or WO-<br>9963946-\$ or WO-<br>0209574-\$ or WO-<br>02059771-\$ or WO-<br>0158514-\$ or WO-<br>0038770-\$ or WO-<br>0038770-\$ or WO- |                    |     |    |                     |
|------|---|---|--------------------|-----|----|---------------------|
| S127 | 0                                       | 2343122-\$).did.  S126 and (adjust with (inhale or breath) with length)   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/19<br>11:18 |
| S128 | 5                                       | S126 and (adjust<br>(inhale or breath) with<br>(length or duration))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/19<br>11:18 |
| S129 | 4                                       | S126 and ((inspiration or expiration) with ratio)   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/19<br>13:09 |
| S130 | 3                                       | S126 and (air\$flow<br>with regulat\$3)   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/19<br>13:55 |

## 12/14/2009 12:07:53 PM

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